stadel Catalogue striel! <u>Catalogue</u> Machin Qaran 31°38' 1123° 33'W 1967
33°221V 124°48'W Pacific Ocean 235an
648 Larus argentitus! Q 12x5
115/1/1 5364 Color notes Very Fat.
34°15'N L26°20'W & Pacific Ocean & Feb 658 Ocpanodvoma leucorha Color Notes 13 Feb USXM 5394 & Teste minute in Baitin Deeger 31038 N 123 33'W 649 Larus argentatus on testes 2x4 451/M 5398 9 Overy 3x15 Moltonhead & no A 34005 Auf 210 441 un notes Madrim fat 650 Felmorus glacialis Color Notes Very Fot my Pacific Desan 32°26'N 122606'W USNM 5371 Very Fat 660 Oceanodroma leucorha PolarNotes 12 Feb 651 harus argentes · Pacific Rean 32° 30'N 122°23'W ilz Fob USNM 5374 651 Lanus argentatus Color Notes Modeumfat Macifignergen 32°27' N 127°18'W 12 Feb Lantinager USNM 5377 Feste Attimate Ovary Minute 652 Rissa tridactyla Color notes & 5X12 USNM 5387
Granulan interdesson 653 Cer or hinca monocerate Color notes 12 Feb 1967 Of The Colors USNM 6375 . Extremely Fat & Minute Palmara Island Pacific Ocean 17 March 1967 Lacitic Ocean 32° 27' N: 1220 19'W 663 Sterna fuscata 654 Fulmaris glacialis Color Notes 12 Feb 1967 USNN 6962 8 Teste 8X5 \$7X4 USNM 5379 Light Fat 4 5X/2. Primovies 1-7 onler, 8-10 old. Tail all New Sec allnew. No body molt. Facific Ocean 31, 39 1 123 22'W : 655 Phreethon rubricauda ColorNotes 13 Feb MotulepaulChristmas Islinautiun Ocean 23 March 1 664 Puffinus pacificus Band # 615-09794 45NM 7010 665 Puffinus Mativitatus & Teste 3x2 ny seitenbergen 31.38/N 128° 30'W USNIM 7012 New feathers.

666 Puffinus pacificus & Duorg 4×10 grande WSNIM 7009 USN.M \$\$ 5392 Testes minute & white 657 Pacific Orean 31, 38'N 123' 33'W

MS. M 382 Teste monde : Wite of USNM 7013 USNM 7011 Light Pai. Right : 101ac. Pacific Ocean 31

139 Phalanopus Fulicarius

658 USNVI 5397 & Ovary 7X3

Ovary Slighty granalar

Oc stadel 1967 Journal 23 March Arrived Christmas Island 1000 We come astoil & setup camp in the officers club. Dudly Cook stayed on the ship so we were with out a comp until someone found a way to get inside of open the took door from the Inside. Our quorter have rugs on the floor to is very confortable. - myself, Front Smith, Bob Timor Vincent Bars & mide Sconlen wat to moter Fabre to survey s band birds. We bonded Wedgeties \$ Phoenic Island Petrels until 2200 and returned to compl. We bailed 500 alledytoils and 400 Phoenix deland From tied to bond Hawiein modely's and Jairy Ferns but the moon was full & he could, to Cook buland to survey. They found and Sooty Jan longe chiers:
and hundreds of Maurican modely on
eggs. They relieved at 02000 12,23 dre branded 300± luids. Christnes delors showers & Phoneis Island petrel were breeding.

23 March all ten people wents to motion Upon to brond briefs and take blood sapler. We collected 1.50 blood somple ond bonded about. 1500 birds. We arrived brocke at new London about 0200.

Stadol 1867 Tournal

24 March to the ship to apin blood & slop, or the every back to the estad, at Cook and measure eggs. Oll the rest of us went to its The aupart of alles de Region, masse Jaloon and around to Worsaur Polond. Itureus generally a day of nessing ordered. We saw resting BFB, RFB, GF, Blue-GNoddies,
Bossibly Greg-backed Jerns, and found a next
of she inforous him dulants Warbler. Every one nessed oround total untit 1900 when we left for bordings. We got lost on the way over & ended sepon the back rids of the : islord g som having to pullie raft over 1/4 mile of son hors. We borded until 2300, then releved to too her Gondon, looded over geor & left for the ship. We had everything stowed our sneggly letter pada.

25 Merch the left chiralmen apaut 1000 for Javies desland, after 3 realful days all christmens. We only had the start hand Rover for one day so were limited in our worth of on the moin island.

23 March Wedgetails 23 March Motu Tabu (Chnistnes) We handed 500 linds on The island. At the and we were preting on the sure was probably 1000 binds on the estard. I checked brood paude on birds and only found one from brood pauch in 40 drieds. I also checked berneus and only found: 2 chick which were about a month old. Other chiefs were flying, d e fuld not tell young chiefs by amage beet I thente there werbs over o chebber with shorter els. All linds evere bonded an cells except for a few herds yled were by sub-adult plumoge but not flying. Probably! 2-300 of the beids we handed were sub-fadult binds. I observed two binds in pre-copielory behavior , one nountry The other for over a nemedo lest no copulation tools place.

Christma Ts Shearwater

A total of 56 were bonded of which

18 were checker. The sold bonds

brushly cover. Their tollrane to

light must be lower. They

select nesting sights half way

between Phoiries Islands it Whedyton

Population

Moty Upon 2000 if - 5000

Mosts ora under dense vegetistion and occusionally under drist if possible The next under logs, boards, and in hollow logs. There is sons laws ord ned material used. watches Christnas Soloid come in to the island about dust ; they come boch to the island in a steady strain. I am sure this species is like Wedgetails in agre-To numbers of builts landing on the wids, on offiss or with which p probably, come to the island regar les of the moon. proites luis with without younger eggs may avoid the extend a when the moin is full. Parhayes et is only on Kens That birds avoid or leave the whom bender approach the wolves, of an eslands under the norm is fill. Dictors in did not accor like me saw all the burds calling on the island that we saw aggressed at sunset.

Whe tombel 272 200 il it also so if it's wealth helder in the countries from and and and Table would be will a street a to the Cook & millionier en Motota Taby, Ence en Missa Cipaa, Fisher hagoan't returned There were sign much what we lerow of from Barding or eles derices from 13 of the Lital in resh of Elest money. Securing in a Total of 600± neather. was realisat remains & waters 2 sleady statement Ch I.S. return 18 She island dem sene sta the next we is a collision of the one or less that thalf the a si manina tides, es se principal que speciel breiding noch, ming adult evale althing an originally ind preparing to breed, indicate only half on breeding them are the of of the backers in appeal to the 1200 monts one flouid en la cellente level en la cellente level en la trons Estouetes.

Population Estouetes.

Nests at Present 600. the state of the s in the property of which will be Man Von 1200in on Moty taba & prelimine in intota com Manula L. A. I. Mota cipala

· Total 292

Hawiran Hoddy. Christmer Ic. Mesting is just storting with beids om aggs ord mes 10-25% new rests wellout egys. I did not see only young did.

Mot u Upou - 1200 + nests

Mot y Taby - 930 + nests

They nest in measuredmillia or Searvola, but prefer the former. nests one composed of beausla & Boenhavia, Their notsone-always dus to decomposition of boxes,
- Ile leaves, giving the moisture. and hoddathis moisture since nots orlin shaded areas. to bord or work with, Emseguer.
Ly very lills is know about its i seology. Ments on the los The the lialets on Christness one about 3 - 15 fx depending on the tree or resting sits ovailable

Red - breasted Lorgente said illis spriess was applied lin folos Wabler. St. solvar to see that the speces would meracre en number will mou coconcils being clorited all the time. New Coconcil graves one adeal Raylesta hobited ofters personals start brains femily place orient or interpreted with Missercharder of Lacrendon (The optimum habited for this special Studel Common Noddy

Moty Tuba -Daly 10± young ward alon which une over a north old. Mests were present which had eggs present. Nexts were on the ground with vorious motries used for nost. material. Nests 50 Population 200±

Moty Upou nests who makely on the around or in coconut sturps. I. Norious types of habitat inne utalized for news sites. The sile most utalies was under Coconal Free with eggs with on old coconut frouvers & on the ground. Noddies reemed is setel this set for because of fevorales nestig sits, but perhaps it was coaler than out in open orland.

Young shiels 2 + days old were found on all ports of the island but no slater chiefes were found. All other nexts had eggs: is: There were 300+ nests on the island with about 20 young theory. Population Nosts 3,005 Population 700+

1967 Red-tailed Tropic bird. Christias I. Mota Taba Larce os nestrigs were pour on noku Tobu, alliver 704 days old. Bøn bids evere franks sen desplaying over notre Tophe oboit 1000 1500. Las sour two adults lond near checks. No alter bils ever sen on the ctallo

Stadel

Blue-taced Booky We found mests around the deles of the lagoon. Two smell downing checks were found, Two nests with eres. number ? of nexts were less than when I : faced Baskisa med oana, long parior well the pear in. wertlist.

Red-tooted Books . One nost with a small Downy chedo was flound on mitu alpou Desiry dich I eggs were land or our trip to Soit acral parent. Ally was oround. Iles Kareron. no information is available to datamine whether these ore oghaplers of is an inclication of the total bereding populations. All that can be sail in the war was a eggs and which on the island.

I Joing Jams nexts at to all the island. De Mests consent of a broad on which eggs will set. Jewo small clicks were seen with the aller nexts consisting of gust eggs. Of the birds nexting the young or eggs were connow. Eggs were measued on Cosh Island.

Grey packed Terns

an occasion propain or small group were head flying out head, a colory was seeme over Ales of the Lagran. We could not tell if they were mesting, but since they next slightly larlier than Sorty terns their nexting sayle is probably over opt or longs shich one presents.

John Flag son roost on Maka John & Upon but no rests were fourd. They could be land ralling over head all or evening while

adults rivert on motin Fiber of about on one islet at the deso of all languages of the languages of the languages of the languages and the inloy liver not virted. Mater ends in probably probably

Studel
1967 white-throated Storm Petrol
Christmus 1s

Two friends of this species were
self. One on Hotu Upou Done at
is avillable for this apaiess.

Victory was some the data.

Shore birds.

Mo indrestion of this number bolder places were totan.

Solder places were molling into breeding plumage. Ruddy hunder places sin several orea sen in alteral orea sen in all oreas.

dere their ware two large enlains of the either of their clonics.

of this species on this island.

The act the revert thousand of this species on this island.

Four lagoons of in self-flat overy three defeat wind involved the delight of the continuations and the second is simular to the second to the second of a second is sound. The second is second to the second is second to the second in second in

Studel
1961 Sooty Tern
Chrisinas Island
Vecally Cook (data
" Phase are ware more of

Heedly Cook (datas Ring), and The are were more Sooty James resolving on the valore than any eyeon aince to has been have." Heedly has been love 5006 years. Their were more colonies, note

orea covered by neating binds one the densely of brids in severy ealong was greater. I now northwest Point is main earns (a

distance of 5 melas mesting binds
enere 400 ijds wieds. Mor figures
was 10,000,000
sq lt. There is now murely of

eould the estancie total mesting being seen the colonies, but the smeat have

been 30 t million nestring brinds on Closestness Solord still Rad

laige shits running orounds may seur one lone bird on on

eggl.

Location Motu Tubu, Christmas Atall
Observer Fronk Smith Date 23 March Time to
Weather Miles- Hours 1600

. SPECIES	NUMBERS	Nests	T. L. / REMARKS			
Laysan Albatross .	V	11.0/3	Banded REMARKS			
Black-footed-Albatross	V.		Danaca			
Wedge-tailed Shearwater	900	3003	<b>D</b>			
Sooty Shearwater	V	2003				
Slender-billed Shearwater	V					
Christmas Island Shearwater	4.30-500	200				
Newell's Shearwater .	· V	100				
Juan Fernandez Petrel	11					
White-necked Petrel	V .					
Kermadec Petrel	v	1	'53			
Phoenix Island Petrel	1820	600	7			
Mottled Petrel						
Bonin Island Petrel	V.	-				
Black-winged Petrel	V		,			
Bulwer's Petrel	V					
Leach's Storm Petrel	V					
Red-tailed Tropicbird	30+	3 ·				
White-tailed Tropicbird		·	·			
Blue-faced Booby	35° V	V	•			
Brown Booby		v				
Red-footed Booby	10	Roosting				
Great Frigatebird	5	Boosting	20			
Lesser Frigatebird	·	11051149				
·Golden Plover	20	·				
Ruddy Turnstone	0	U				
Sooty Tern	0	V				
Gray-backed Tern	0	· .				
Common Noddy Tern	300	56				
Fairy Tern	40	10				
Pomarine Jaeger	-	~				
Hawiian NollyT	1500	973	•			
Blue-Grey Noss	20	V				
Wandowing Troyle	2	V				
	V-	emailment-reduced artifles artifles artifles artifles artifles and an email of agreement agreement agreement a				
4		ne de de la composiçõe de comp				
	/	Total Birds				
		Total Sightings				
		Total Flocks				
	/	Total	Species			

01e 501 Ch Lorge Eh 1997 2 4

Havion Nalay Tern

Location Moty Upo4

Observer

Weather

Date 23-24 Time to

•						
SPECIES	NUMBERS	Counted	Bangan	sl Vacte		
Laysan Albatross			JJUN JJ. T			
Black-footed Albatross						
Wedge-tailed Shearwater	1		577			
Sooty Shearwater						
Slender-billed Shearwater						
Christmas Island Shearwater	2000		566	(53) 600		
Newell's Shearwater						
Juan Fernandez Petrel				•		
White-necked Petrel	41	2		· ·		
Kermadec Petrel	-	_	-	-		
Phoenix Island Petrel			1015	1731,608		
Mottled Petrel			. /	5		
Bonin Island Petrel		. /	. /			
Black-winged Petrel	/		1			
Bulwer's Petrel						
Leach's Storm Petrel	L		C			
Red-tailed Tropicbird			L			
White-tailed Tropicbird	· V		L	<u></u>		
Blue-faced Booby	: 6	~	6	_		
Brown Booby	C .	L	L			
Red-footed Booby	60±	31	~	1		
Great Frigatebird	24 ±105%	(	-	V		
Lesser Frigatebird		V		-		
Golden Plover	65±100%	65	V	V		
Ruddy Turnstone	20+1009		L	32		
Sooty Tern			L			
Gray-backed Term	Fly over	2	V	V		
Common Noddy Tern	400+	2	V	150		
Fairy Tern	150-200			62		
Pomarine Jaeger	V		-	V		
Bristle-T Carles	ローコンナ	8	L	· ·		
Overted Tern		18	-			
Newfregatter		5	V	V		
Nosofragattar Hawisian Nody T		٠.		1200		
Blue-Gray N.T.		10				
		Total Birds				
		alia ggi, an annong me tagadhimintadarka tagadh tagadh tagadh ta tagadh tagadh	Sightings			
		Total F	the state of the same and the s			
16.15.16.11.1.04		Total Species				

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